

Title (en)

SPORTS SHOE WITH AN INTERCHANGEABLE STUD ELEMENT IN THE SHOE SOLE

Publication

EP 0171621 B1 19891206 (DE)

Application

EP 85108807 A 19850715

Priority

DE 3426600 A 19840719

Abstract (en)

[origin: ES288180U] An athletic shoe sole with cleats having exchangeable gripping elements designed in such a way that the gripping elements can easily be exchanged without incurring diminished stability or premature wear to the shoe sole. To this end, stud-shaped holding elements (2) are provided with a flange (3) with which they are molded into the shoe sole 1. Shoe sole (1) itself, or a portion associated therewith, forms coaxially to the stud-like holding elements (2), a minimum of one raised area (28) which surrounds at least one recess (25) between these raised areas (28) and stud shaped holding elements (2). Finally, the respective recesses (25) are engaged correspondingly shaped projecting elements (26) of the gripping elements or the gripping element components, respectively, which are in the form of caps (9).

IPC 1-7

A43C 15/16

IPC 8 full level

A43B 5/00 (2006.01); **A43B 21/22** (2006.01); **A43B 21/38** (2006.01); **A43C 15/16** (2006.01)

CPC (source: EP KR US)

A43B 13/14 (2013.01 - KR); **A43C 15/161** (2013.01 - EP US)

Citation (examination)

DE 2154951 A1 19730510 - TOTH

Cited by

US4698924A; CN104141234A

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0171621 A1 19860219; EP 0171621 B1 19891206; AT E48372 T1 19891215; AU 4519985 A 19860123; AU 567859 B2 19871203; BR 8503313 A 19860401; DE 3574561 D1 19900111; ES 288180 U 19851216; ES 288180 Y 19860716; JP S6141403 A 19860227; KR 860000836 A 19860220; US 4644672 A 19870224; ZA 855472 B 19860326

DOCDB simple family (application)

EP 85108807 A 19850715; AT 85108807 T 19850715; AU 4519985 A 19850719; BR 8503313 A 19850710; DE 3574561 T 19850715; ES 288180 U 19850718; JP 15845285 A 19850719; KR 850005172 A 19850719; US 75624985 A 19850718; ZA 855472 A 19850719